



# Appendix H

## *Procedures for Printing Graphics While in EPI Info*

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### Contents

Introduction	page H-1
Getting Started	page H-1
Setting Up for Printing	page H-2
Printing the Graphic	page H-3

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### Introduction

While in the Analysis mode of Epi Info, data can be displayed in a pie chart, bar chart and other graphics on the computer screen. Printing these graphics is **not the same as** printing other analysis outputs (by pressing F5). In order to print the graphic, you must know the brand and model of your printer, what computer LPT port your printer is hooked up to, and how to use the Epi Info SET command.

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### Getting Started

1. Start at the C:\prompt. Do not enter into the Epi Info software.
2. Change to the Epi Info directory. Type: **CD EPI6** and Press **[ENTER]**.
3. At the C:\EPI6> prompt, Type: **DIR\*. BGI**, and Press **[ENTER]**.
  - A. If a listing of 4 or more files appear with .BGI extensions, then go on to **Step 4**.
  - B. If a listing of 3 or less files appear, STOP. Do not go any further with these instructions. First contact your local AQIM coordinator for instructions. If not available, then contact the National AQIM coordinator.
4. Find what LPT port your printer is hooked up to on your computer. With most computers it is usually LPT 1. But with computers hooked up to LAN printers or shared printers, it may be a different LPT port number.

Write LPT port number here: LPT

5. Find your printer name and model. Example: Hewlett Packard Laser Jet, Hewlett Packard Laser Jet III, IBM Proprinter.

Write printer name and model here:

6. Find your printer name from those listed below and write down the \$file name that is associated with it.

Hewlett Packard (HP) Laser Jet — \$LJ.BGI

HP Laser Jet III — \$LJ3R.BGI

HP Color DeskJet — \$DJC.BGI

HP Paint Jet — \$PJ.BGI

IBM Proprinter, 24 pin — \$PP24.BGI

For example: \$LJ.BGI for Hewlett Packard (HP) Laser Jet printer or \$PP24.BGI for IBM Proprinter, 24 pin printer. If your model name is not listed, try a printer file that is similar and see if it will work with your printer. That is, if you have a laser printer, try the \$LJ or \$ LJ3R files. If you have a dot matrix printer, try the \$PP24 file.

**NOTE:** If the installing of Epi Info software went correctly, the printer drivers listed above are loaded for use with graphic printing. These file names should have appeared in Step 3.

Write \$file name here **without** the .BGI part: (Example: If the file name is \$PP24.BGI, then just write \$PP24.)

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## Setting Up for Printing

The following set of instructions **assumes** the following:

- ◆ You have entered Epi Info and are at the Analysis screen.
  - ◆ You have read a data \*.REC file.
  - ◆ You have already displayed data in one of the graphic choices and now wish to print it.
  - ◆ Your printer is connected properly and working.
1. In this step, replace <file name> with what you wrote down in Step 6. Do not type the < >'s.

At the analysis EPI6 command line, Type: **SET PRINTER = <file name>** and Press **[ENTER]**.

For example: If you have an HP Laser jet printer, then this statement should appear on the EPI6 command line: SET PRINTER = \$LJ

2. In this step, replace the # in <LPT#> with what you wrote down in Step 4. Do not type the <>'s.

At the analysis EPI6 command line, Type: **SET PORT = <LPT#>** and Press **[ENTER]**.

For example: If you wrote LPT1 in Step 4, then this statement should appear on the EPI6 command line: **SET PORT = LPT1**

3. At EPI6 prompt type: **SET PMODE = 3** , Press **[ENTER]**



Once you leave Epi Info analysis mode, the computer will lose these settings. You must repeat steps 7, 8 and 9 when you next enter into Epi Info analysis mode and want to print a graphic. (You do not have to do these steps to print non-graphic analysis output screens. Simply, Press: F5 to send non-graphic analysis commands to a properly working printer.)

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## Printing the Graphic

1. Press: **[F5]** (to turn the printer function on.)

The output screen should show =====> ROUTE PRINTER. The screen statement for the F5 key should read Printer off.

2. Repeat the graphic analysis command that gives the graph you want printed.
3. If all is working well, Epi Info will display a small STATUS window in the center indicating: "Printing graph. Please be patient." Go to **Step 4**.

If you get an error message indicating: "Printer initialization error," OR "Graphic driver not found," exit out of analysis mode. Then, Reenter analysis mode and repeat Steps 7, 8 and 9. If error message continues, be sure that your printer is in good working order and you have chosen the appropriate printer file (**Step 5**.) in **Getting Started**. If error message still occurs, try choosing another printer file (if your exact printer model is not listed) and repeat Steps 1, 2, and 3 in **Setting Up for Printing**.

If errors still occur, then it is possible that the necessary printer driver is not present for your printer make. Epi Info does has many printer drivers available, but were not loaded during installation in order to conserve computer hard drive space. To load additional printer drivers, first contact your local AQIM Coordinator. If not available, then contact the National AQIM Coordinator.

4. IF printing was successful, and as long as you **do not** leave the analysis mode of Epi Info, your printer is set to print any of the graphic displays. Press [**F5**] to toggle the printer ON or OFF if you first want to display, or ROUTE TO SCREEN the graphic to see it before printing.